

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **SHARON DUVDEVANI, et al**

For: **APPARATUS AND METHOD FOR INSPECTION OF OBJECTS**

Attorney Docket No.: U 014859-9

**MAIL STOP PATENT APPLICATION  
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**INFORMATION DISCLOSURE STATEMENT**

We draw the attention of the Examiner to the references listed on the attached Form PTO-1449. Copies of the references are not required, except for FR 2687091 and U.S. 6,437,312 because they were already filed in a U.S. application from which an earlier filing date is claimed in this application.

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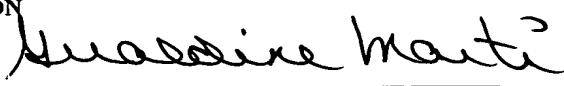
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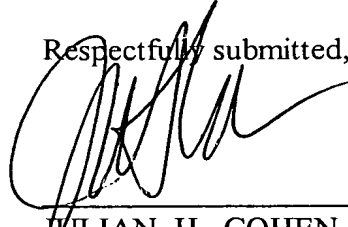
  
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Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Julian H. Cohen', written over a horizontal line.

JULIAN H. COHEN  
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FORM PTO-1449	ATTY DOCKET NO. U 014859-9	SERIAL NUMBER
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS' INFORMATION DISCLOSURE STATEMENT	APPLICANT Sharon DUVDEVANI et al.	
	FILING DATE	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	4,758,888	7/1988	Lapidot	358	106	
	AB	5,586,058	12/1996	Aloni et al.	364	552	
	AC	5,619,429	4/1997	Aloni et al.	364	552	
	AD	5,774,572	6/1998	Caspi	382	141	
	AE	5,774,573	6/1998	Caspi et al	382	141	
	AF	5,495,535	2/1996	Smilansky et al.	382	145	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANSLATION
	AG	WO 00/11454	Mar. 2000	PCT			
	AH	WO 00/19372	Apr. 2000	PCT			

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AI	Gonzalez, R.C. et al., <u>Digital Image Processing</u> , Addison Wesley, USA, Chapters 7 and 8, pp. 413-569.
	AJ	Russ, J.C., <u>The Image Processing Handbook</u> , CRC Press, 1995, Chapters 6 and 7, USA, pp. 346-477.
	AK	Marr, D. et al, <u>Theory of Edge Detection</u> , Proceedings of the Royal Society of London
	AL	Chapron, M., "A new Chromatic Edge-Detector Used for Color Image Segmentation", 11 <sup>th</sup> APR International Conference on Pattern Recognition, 1992, pp. 310-315., France.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

Examiner's Initials		DOCUMENT NO.	DATE	NAME	CLASS	SUB	FILING DATE
	AA	6,028,948	02/2000	Kil et al	383	108	
	AB	6,577,757	06/2003	DeYong et al	382	149	
	AC	6,036,091	03/2000	Spitz, Glenn S.	235	462.25	
	AD	6,366,690	04/2002	Smilansky et al	382	149	
	AE	6,437,312	08/2002	Avraham Adler et al	250	216	
	AF						
	AG						
	AH						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANS- LATION
	AI	2 687 091	Aug. 1993	FR			No
	AJ						
	AK						

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

AL	Baxes, Digital Image Processing Principles and Applications, John Wiley & Sons, (1994) pp 160-178
AM	Sohn et al. "Boundary Representation with Lines and Circular Arcs Using Boundary Split-and-Merge Method." IEEE (1991) pp707-711
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	AI						

## OTHER ART (Including Author, Bills, Pertinent Pages, Etc.)

	AJ	Pujas, P. et al., "Robust Colour Image Segmentation", 7 <sup>th</sup> International Conference on Advanced Robotics, Spain, Sept. 22, 1995, pp. 1-14.
	AK	Shafarenko, L. et al, "Automatic Watershed Segmentation of Randomly Textured Color Images", IEEE Transactions on Image Processing (6)11, Nov. 1997, pp. 1530-1543, U.K.
	AL	Comaniciu, D. et al., "Robust Analysis of Feature Spaces: Color Image Segment", SPRING 1998 Invited Submission, Dept. of Electrical and Computer Engineering, USA.

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